UNITED STATES PATENT AND TRADEMARK OFFICE **CERTIFICATE OF CORRECTION**

PATENT NO. : 7,189,566 B2 APPLICATION NO.: 09/944896

: March 13, 2007

DATED INVENTOR(S) : David Botstein et al.

> It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On the Title Page

Column 1, item (75), replace "Austin Gurney" with -- Austin L. Gurney--.

Column 1, item (75), replace "William Wood" with --William I. Wood--.

Column 2, line 4, under "ABSTRACT", after "vectors and host" delete "cell" and substitute --cells-- in its place.

In the Claims

Column 255, in claim 4 line 20, before "host cell comprising" delete "A" and Substitute -- An isolated --in its place.

Column 256, in claim 5, line 11, before "host cell of claim 4", insert --isolated--.

Signed and Sealed this

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Seventh Day of August, 2007

JON W. DUDAS Director of the United States Patent and Trademark Office